

Converting Colors

CIELCh(74, 58.241, 104.576)

Have a look what the booklet for
CIELCh(74, 58.241, 104.576)
contains.

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Color

CIELCh(74, 58.310, 104.553)

Conversions

Conversions Part 1

Format	Color
Hex	BBBB48
RGB	187, 187, 72
RGB Percent	73%, 73%, 28%
CMY	0.2657, 0.2657, 0.7168
CMYK	0.00, 0.00, 0.61, 0.27
HSL	60°, 46%, 51%
HSV	60°, 61%, 73%
XYZ	39.5485, 46.7039, 13.0997
YIQ	173.8900, 36.9150, -35.7650

Conversions

Conversions Part 2

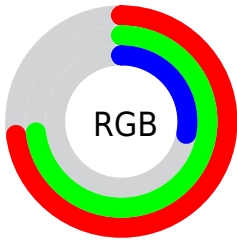
Format	Color
RYB	72, 187, 72
Decimal	12303176
CIELab	74.00, -14.65, 56.44
CIELCh	74, 58.310, 104.553
Yxy	46.7039, 0.3981, 0.4701
Android (android.graphics.Color)	4290493256 (0xFFBBBB48)
YUV	173.8900, -50.2318, 11.4975
Hunter-Lab	68.3403, -16.2977, 36.4733

Details

The CIELCh color **74, 58.310, 104.553** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **37, 70.042, 299.820**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 58.487, 104.736**, and **54, 58.218, 104.461** is the 20% darker color. If you saturate the color by 10%, you get **74, 65.588, 103.873**, and if you desaturate by 10%, it is **74, 49.927, 105.355**.

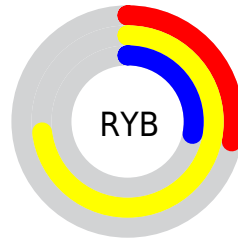
Distribution



Red (73%)

Green (73%)

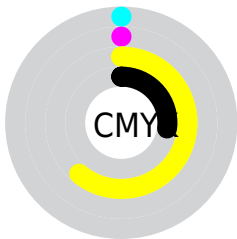
Blue (28%)



Red (28%)

Yellow (73%)

Blue (28%)

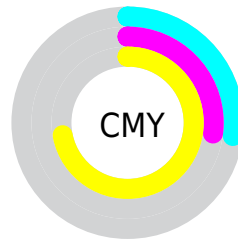


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 58.310, 104.553 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 74, 58.310, 104.553 by changing the saturation by 10% instead.


 74, 58.310,
104.553

 74, 58.310,
104.553


 100, 58.310,
104.553


 64, 58.310,
104.553


 94, 58.310,
104.553

 54, 58.310,
104.553

 44, 58.310,
104.553

 34, 58.310,
104.553

 24, 58.310,
104.553

 14, 58.310,
104.553

 4, 58.310, 104.553

0, 58.310, 104.553

74, 58.310,
104.553

74, 58.310,
104.553

74, 65.588,
103.873

74, 49.927,
105.355

74, 71.293,
103.348

74, 40.820,
106.236

74, 75.013,
103.012

75, 31.265,
107.166

74, 76.830,
102.849

75, 21.442,
108.122

75, 11.470,
109.082

76, 1.425, 109.999

■ 76, 8.644, 290.983

■ 77, 18.703,
291.885

■ 78, 28.729,
292.755

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74, 58.310, 104.553



37, 70.042, 299.820

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 58.310, 104.553



74, 58.310, 154.553



74, 58.310, 284.553



74, 58.310, 334.553

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74, 58.311, 104.555



95, 22.235, 108.423



47, 52.038, 26.611



51, 15.558, 108.142



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 58.311, 104.555



93, 82.436, 103.655



70, 63.083, 125.818



40, 5.727, 109.279



63, 67.794, 102.849



11, 16.896, 107.641

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37, 70.042, 299.820



40, 105.214, 302.814



43, 69.471, 311.644



36, 5.853, 291.136



18, 93.613, 306.286



1, 17.438, 290.636

Previews

White Background



This preview shows how the CIELCh color 74, 58.310, 104.553 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 58.310, 104.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

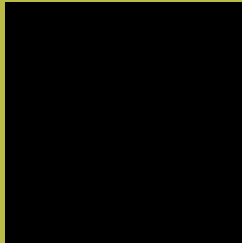
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 58.310, 104.553

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.310, 104.553.



This preview shows how white text looks on a background with the CIELCh color 74, 58.310, 104.553.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


74, 58.310, 104.553

Protanopia

74, 57.549, 95.323

Deuteranopia

74, 56.134, 80.180



Tritanopia
74, 11.466, 339.070

Trichromacy



Original Color
74, 58.310, 104.553

Protanomaly
74, 57.835, 98.891

Deuteranomaly
74, 55.634, 89.123

Tritanomaly
73, 18.303, 89.189

Monochromacy



Original Color
74, 58.310, 104.553

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 22.618, 107.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.310, 104.553 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 187, 72)` looks like.

```
.text, #text, p{  
    color:rgb(187, 187, 72)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 187, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 187, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.310, 104.553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 187, 72) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 187, 72) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 187, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 187, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 187, 72);  
box-shadow:4px 4px 4px 4px rgb(187, 187,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.310, 104.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 187, 72) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
187, 72) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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